


Anti-RSK1 p90 (phospho T359) antibody [E238] ab32413

リコンビナント **RabMAb**

★★★★★ **8 Abreviews** **22 References** 画像数 7

製品の概要

製品名	Anti-RSK1 p90 (phospho T359) antibody [E238]
製品の詳細	Rabbit monoclonal [E238] to RSK1 p90 (phospho T359)
由来種	Rabbit
特異性	This antibody is specific for human RSK1 p90 phosphorylated on Threonine 359. 80% identities with RSK3 p90 (pT365+pS369), 75% with RSK2 p90 (pT356+pS360) and 74% identities with RSK6 p90 (pT368+pS372)
アプリケーション	適用あり: ELISA, WB, IHC-P, IP, Dot blot 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: A431 and NIH/3T3 cell lysates. IHC-P: Human cervical carcinoma tissue. IP: NIH/3T3 cell lysate
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	E238
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab32413の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

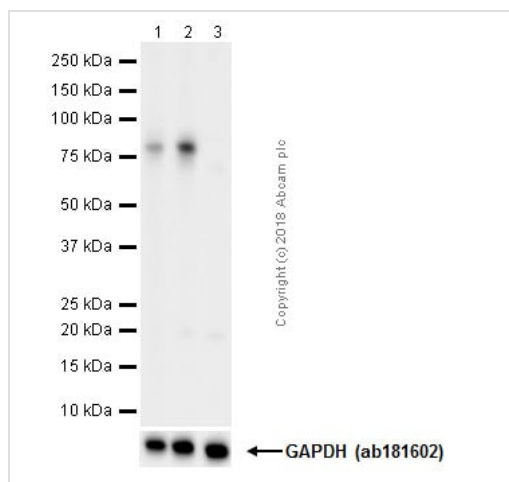
アプリケーション	Abreviews	特記事項
ELISA		Use a concentration of 0 - 1 µg/ml.
WB	★★★★★ (5)	1/1000 - 1/10000. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).
IHC-P	★★★★★ (2)	Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/100.
Dot blot		1/1000.

追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能	Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.
配列類似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains.
翻訳後修飾	Autophosphorylated on Ser-380, as part of the activation process.

画像



Western blot - Anti-RSK1 p90 (phospho T359) antibody [E238] (ab32413)

All lanes : Anti-RSK1 p90 (phospho T359) antibody [E238] (ab32413) at 1/1000 dilution (purified)

Lane 1 : NIH/3T3 (mouse embryonic fibroblast) grown in serum free media for 4 hour swhole cell lysate

Lane 2 : NIH/3T3 grown in serum free media for 4 hours, then treated with 20% FBS for 30minutes whole cell lysate

Lane 3 : NIH/3T3 grown in serum free media for 4 hours, then treated with 20% FBS for 30 minutes whole cell lysate. Then the membrane was incubated with alkaline phosphatase

Lysates/proteins at 10 µg per lane.

Secondary

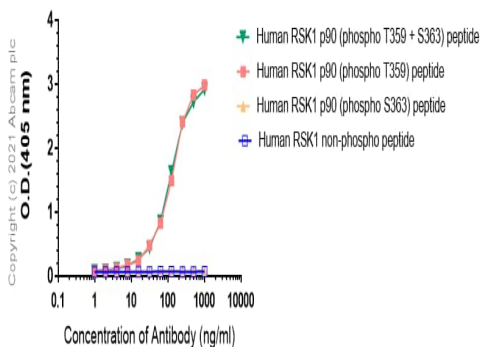
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 90 kDa

Observed band size: 90 kDa

Blocking/Diluting Buffer and concentration 5% NFDm/TBST

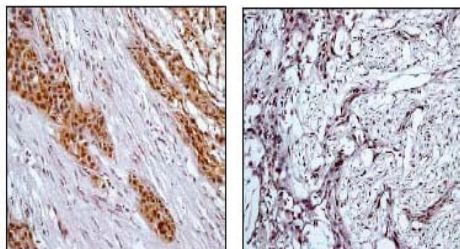
Indirect ELISA antibody dose-response curve antigen at 100 ng/ml



ELISA - Anti-RSK1 p90 (phospho T359) antibody
[E238] (ab32413)

ELISA analysis using ab32413 at a range of 0-1000 ng/ml followed by a Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at 1/2500 dilution. Antigen concentration: 100 ng/ml.

Antigens: Human RSK1 p90 (phospho T359 + S363) peptide, Human RSK1 p90 (phospho T359) peptide, Human RSK1 p90 (phospho S363) peptide, Human RSK1 non-phospho peptide.



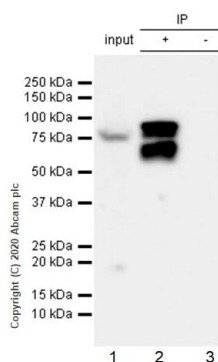
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RSK1 p90 (phospho T359) antibody [E238] (ab32413)

Ab32413, at a 1/100 dilution, staining RSK1 p90 in paraffin embedded human cervical carcinoma tissue by Immunohistochemistry.

Left image : Untreated.

Right image : Treated with Phosphatase.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunoprecipitation - Anti-RSK1 p90 (phospho T359) antibody [E238] (ab32413)

Purified ab32413 at 1/100 dilution (2µg) immunoprecipitating RSK1 p90 in NIH/3T3 whole cell lysate.

Lane 1 (input): NIH/3T3 (Mouse embryonic fibroblast) serum starved for 4h, then treated with 20% FBS for 30min whole cell lysate 10µg

Lane 2 (+): ab32413 + NIH/3T3 whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab171376** in NIH/3T3 whole cell lysate.

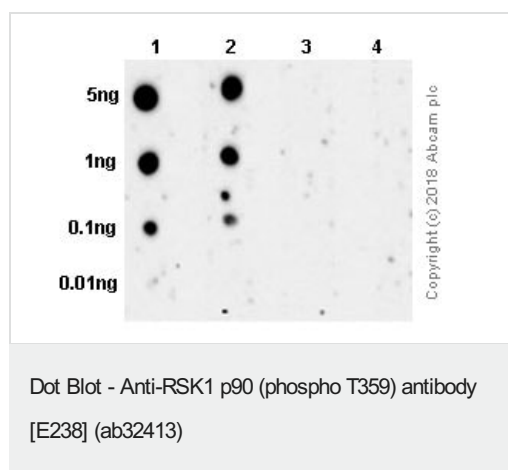
VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm/TBST.

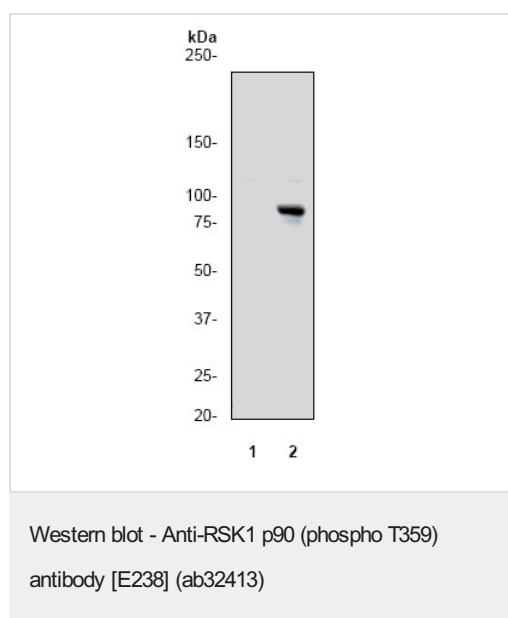
Observed band size: 90 kDa

Lower bands could be cleavage product. (PMID: 29290690)



Dot blot analysis of RSK1 p90 (phospho T359 + S363) phospho peptide (Lane 1), RSK1 p90 phospho T359 phospho peptide (Lane 2), RSK1 p90 phospho S363 phospho peptide (Lane 3) and RSK1 p90 non-phospho peptide (Lane 4) labeling RSK1 p90 (phospho T359 + S363) phospho peptide with purified ab32413 at a dilution of 1/1000 dilution (2.056ug/ml). A Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) was used as the secondary antibody at a dilution of 1/20,000 dilution.

Blocking buffer: 5% NFDm/TBST. Dilution buffer: 5% NFDm /TBST



All lanes : Anti-RSK1 p90 (phospho T359) antibody [E238] (ab32413) at 1/20000 dilution

Lane 1 : A431 cell lysate untreated.

Lane 2 : A431 cell lysate treated with EGF.

Predicted band size: 90 kDa

Observed band size: 90 kDa

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-RSK1 p90 (phospho T359 + S363) antibody [E238] (ab32413)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors